

Title (en)

Wood protection against microorganisms by laccase-catalysed iodination

Title (de)

Holzschutz gegen Mikroorganismen durch laccase-katalysierte Iodierung

Title (fr)

Protection du bois contre les micro-organismes par iodation catalysée de laccase

Publication

EP 2666360 A1 20131127 (EN)

Application

EP 12004058 A 20120524

Priority

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Abstract (en)

A method for protecting a phenolic substances comprising material like wood against vermins, in particular microorganisms, comprises treating said phenolic substances comprising material with iodide in the presence of laccase, in particular with a liquid composition comprising iodide and laccase. Materials like wood treated by this method can be used as such or - if in form of small peaces like shavings or wood flour - together with a binder for protective coatings and/or laminates like antibacterial wood fibre plates, inner or outer panelling, wallpapers, and packagings.

IPC 8 full level

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CPC (source: EP US)

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Citation (applicant)

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